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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jaroslaw J. Sydir et al.

Title: METHOD AND APPARATUS FOR ALIGNING CIPHERED DATA

Docket No.: Intel-014PUS

Serial No.: 10/749035

Filed: December 30, 2003

Due Date: N/A

Examiner: Unknown

Group Art Unit: 2131

Office of Initial Patent Examinations  
Filing Receipt Corrections  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the attached:

- Communication Re: Incorrect Filing Receipt (1 pg.)
- Copy of Filing Receipt (1 pg.)
- A return postcard.
- Copy of filed Combined Declaration and Power of Attorney document (4 pgs.)

No Additional fee is required.

**Daly, Crowley and Mofford, LLP, c/o PortfolioIP**  
P.O. Box 52050, Minneapolis, MN (781-401-9988)

By:



Name: Paul D Durkee

Reg. No. 41,003

PDD:ak

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 27<sup>th</sup> day of May, 2004.

Andrew J. Karl

Name



Signature

S/N 10/749035



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jaroslaw J. Sydir et al. Examiner: Unknown  
Serial No.: 10/749035 Group Art Unit: 2131  
Filed: December 30, 2003 Docket: Intel-014PUS  
Title: METHOD AND APPARATUS FOR ALIGNING CIPHERED DATA

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**COMMUNICATION RE: INCORRECT FILING RECEIPT**

Office of Initial Patent Examinations  
Filing Receipt Corrections  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants hereby request correction of the Filing Receipt with respect to the above-identified patent application. In the Filing Receipt received May 4, 2004, (copy enclosed), the **name of the third inventor SHOULD READ "Wajdi Feghali"** as evidenced by the Combined Declaration and Power of Attorney document (copy enclosed).

Applicants would appreciate the above-identified printing error be corrected and that a new "corrected" filing receipt be sent to Applicants' representatives at the address given below.

Respectfully submitted,

JAROSLAW J. SYDIR ET AL.

By their Representatives,  
Daly, Crowley & Mofford, LLP  
c/o PortfolioIP  
P.O. Box 52050  
Minneapolis, MN 55402  
781-401-9988

Date May 27, 2004

By Paul Durkee

Paul D Durkee  
Reg. No. 41,003  
PDD:ak

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 27<sup>th</sup> day of May, 2004.

Andrew J. Karl

Name

  
Signature

80107.090NS1



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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| APPL NO.   | FILING OR 371<br>(c) DATE | ART UNIT | FIL FEE REC'D | ATTY.DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|----------------|----------|----------|----------|
| 10/749,035 | 12/30/2003                | 2131     | 1086          | Intel-014PUS   | 9        | 28       | 5        |

Daly, Crowley & Mofford, LLP  
 c/o PortfolioIP  
 P.O. Box 52050  
 Minneapolis, MN 55402



CONFIRMATION NO. 9234

## FILING RECEIPT



\*OC000000012490407\*

Date Mailed: 04/29/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Jaroslaw Sydir, San Jose, CA;  
 Kamal J. Koshy, Milpitas, CA;  
 Waidi Feghali, Boston, MA;  
 Bradley A. Burres, Cambridge, MA;  
 Gilbert M. Wolrich, Framingham, MA;

## Assignment For Published Patent Application

Intel Corporation;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted: 04/28/2004

Projected Publication Date: To Be Determined - pending completion of Corrected Papers

Non-Publication Request: No

Early Publication Request: No

Title

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MAY 04 2004

PORTFOLIO IP

Frct



## United States Patent Application

### COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD AND APPARATUS FOR ALIGNING CIPHERED DATA.**

The specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

**No such claim for priority is being made at this time.**

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

**No such claim for priority is being made at this time.**

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**No such claim for priority is being made at this time.**

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

|                       |                 |                      |                 |                     |                 |
|-----------------------|-----------------|----------------------|-----------------|---------------------|-----------------|
| Aldous, Alan          | Reg. No. 31,905 | Huter, Jeffrey B.    | Reg. No. 41,086 | Seddon, Ken         | Reg. No. 43,105 |
| Bacon, Shireen        | Reg. No. 40,494 | Kalson, Seth         | Reg. No. 40,670 | Seeley, Mark        | Reg. No. 32,299 |
| Brake, Edward         | Reg. No. 37,784 | Lam, Peter           | Reg. No. 44,855 | Shah, Ami P.        | Reg. No. 42,143 |
| Burge, Ben            | Reg. No. 42,372 | Lin, Issac           | Reg. No. 50,672 | Simon, David        | Reg. No. 32,756 |
| Chang, Robert         | Reg. No. 48,765 | Lundmark, David C.   | Reg. No. 42,815 | Skabrat, Steve      | Reg. No. 36,279 |
| Chen, George          | Reg. No. 50,807 | Martinez, Anthony    | Reg. No. 44,223 | Steiner, Paul E.    | Reg. No. 41,326 |
| Choi, Glen            | Reg. No. 43,546 | Mennemeier, Larry    | Reg. No. 51,003 | Stutman-Horn, Joni  | Reg. No. 42,173 |
| Cool, Kenneth J.      | Reg. No. 40,570 | Nagy, Paul           | Reg. No. 37,896 | Tran, David         | Reg. No. 50,804 |
| Draeger, Jeffrey S.   | Reg. No. 41,000 | Nicholls, Dennis A.  | Reg. No. 42,036 | Wells, Calvin       | Reg. No. 43,256 |
| Faatz, Cindy          | Reg. No. 39,973 | Parker, Lanny        | Reg. No. 44,281 | Willardson, Michael | Reg. No. 50,856 |
| Gagne, Christopher    | Reg. No. 36,142 | Plimier, Michael D.  | Reg. No. 43,004 | Winkle, Robert G.   | Reg. No. 37,474 |
| Green, Sharminni N.   | Reg. No. 41,410 | Proksch, Michael     | Reg. No. 43,021 | Wong, Sharon        | Reg. No. 37,760 |
| Greenberg, Robert A.  | Reg. No. 44,133 | Reif, Kevin A.       | Reg. No. 36,381 | Yates, Steven D.    | Reg. No. 42,242 |
| Greenwald, Bradley A. | Reg. No. 34,341 | Sayles, Crystal D.   | Reg. No. 44,318 | Young, Charles      | Reg. No. 39,435 |
| Durkee, Paul D.       | Reg. No. 41,003 | Daly, Christopher S. | Reg. No. 37,303 |                     |                 |

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Daly, Crowley & Mofford, LLP to the contrary.

Please direct all correspondence in this case to **Daly, Crowley & Mofford, LLP** at the address indicated below:  
**c/o PortfolioIP**  
**P.O. Box 52050, Minneapolis, MN 55402**  
**Telephone No. (781) 401-9988**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : Jaroslaw Sydir

Citizenship: United States of America  
Post Office Address: 1022 Belder Drive  
San Jose, CA 95120

Residence: San Jose, CA

Signature: \_\_\_\_\_  
Jaroslaw Sydir

Date: \_\_\_\_\_

X Additional inventors are being named on separately numbered sheets, attached hereto.

Attorney Docket No.: Intel-014PUS  
Serial No. not assigned  
Filing Date: Herewith

Page 3 of 4

Full Name of joint inventor number 2 : Kamal J. KoshyCitizenship: India

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Post Office Address: 755 E. Capitol Ave, #B-303  
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Signature: \_\_\_\_\_

Kamal J. Koshy

Date: \_\_\_\_\_

Full Name of joint inventor number 3 : Wajdi FeghaliCitizenship: Canada

Residence: Boston, MA

Post Office Address: 199 Massachusetts Avenue, Apt. 206  
Boston, MA 02115Signature: Wajdi FeghaliDate: December 15 2003Full Name of joint inventor number 4 : Bradley A. BurresCitizenship: United States of America

Residence: Cambridge, MA

Post Office Address: 264 Harvard St., #6  
Cambridge, MA 02139Signature: Bradley A. BurresDate: 12/15/03Full Name of joint inventor number 5 : Gilbert M. WolrichCitizenship: United States of America

Residence: Framingham, MA

Post Office Address: 4 Cider Mill Road  
Framingham, MA 01710Signature: Gilbert M. WolrichDate: 12/15/03

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.